

MISSOURI DEPARTMENT OF NATURAL RESOURCES MISSOURI OIL AND GAS COUNCIL

RECEIVE

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

SEP 14 2001

X APPLICATION	N TO DRILL	DEEPEN	N PLU	JG BACK	XIX F	FOR AN O	MO WELL	Oil &	as Co	uncil S WELL
SAME OF COMPANY OF OP	ERATOR						DATE			
D.E.E.	xploratio	on, Inc.					09/	12/01		
516 M	ain-PO Bo	x128,	wells	ville			KS		6609	92
<b>DESCRIPTION O</b>	F WELL AND	LEASE			\$.	: N. 1. 1. 1.				
Relto	n Unit		WELL NUMBER	- 0 -	R	-15	ELEVATIO	N (GROUND)		
DCTCO.		· · · · · · · · · · · · · · · · · · ·		E FROM SECTION L	NE					
4660		FT FROM (N)	S) SECTION LINE	2045		FROM(E)(W	SECTION	LINE		
	SECTIO		TOWNSHIP		RANGE	MONITED IV	COUNTY	LIIVE		
	16		46N		3		Cass			
MEAREST DISTANCE P						FEET				
DISTANCE FROM PRO	DAILLI	N TO NEAREST DE	RILLING, COMPLET ME AND ADDRESS	TED OR APPLIE		NELL ON THE			220	FEET
675	Fva	ns Fnera	y Develop	mon+				JATE HORK I	ice stant	
- MORA : - ZAESIN , EAS	5		LEASE INCLUDIN			tary	asap	THIS DESI		30
	NUME	BER OF ABANDON	ED WELLS ON LEA	SEO	OWNEEL		ILLING TO	INIS HES	HVOIR _	30
- LEASE PURCHASED	WITH ONE OR M	ORE WELLS DRILL	ED. FROM WHOM	PURCHASED?			NO OF	WELLS PR	RODUCING	22
WEster	rn Drilli	nq							NJECTION	
ACORESS .									INACTIVE	
The state of the s		SINGLE WELL			<b>7</b>	ANKETOO	115	AB	ANDONED	
STATUS OF BO	IND	AMOUNT \$				ANKET BO	IND		XX ON	FILE TACHED
PROPOSED CASING	G PROGRAM			APPROVED	CASING	— ТО ВЕ	FILLED II	N BY STA	TE GEOL	OGIST
TAUCOMA	SIZE	WT/FT	СЕМ	AMOUN		SIZE		WT/FT		CEM
675'	$4\frac{1}{2}$		115sks			. \	1			
A V and an interest mapping to a				-			-71/	4		
			-	<del> </del>			1201			
the undersigned.	state that Lam	uhe pre	esident			the D.E	Evn	lorati	ion I	Inc.
company), and the	at I am authori hat the facts st	zed by said collated therein ar	e true, correct,	and complet	e to the	this report	was pre knowled	pared un		upervision
oregora, para	9-17-0		CORE A	R'S LOG REQU ANALYSIS REQU ES REQUIRED	JIRED IF R			OUIRED IF		RED IF RUN
M. Jan	·R	Muel	WATER	SAMPLES REO	UIRED AT					
FEROVAL OF THIS P	ERMIT BY THE O		INCIL DOES NOT	OR TO ANY OT	NDORSE	MENT OF TH	E GEOLO	GIC MERIT	S OF THE	PROPOSED
at an approved (	Evans, p	res.	of the	wner of this	WALL C	nuncil and	aroval of	nt, Ir	Peompar mu wull	ny confirm
on this form by pre-	sence of a peri	nit number and	signature of a	uthorized coi	incil rep	presentative	DATE	uns per	THIC WIII	ne sllowy
	CM	back								
20	REM	IT TWO COPIES TO	MISSOURI OIL AND	GAS COUNCIL	PO BOX 2	250 ROLLA M	0 65401			



MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

NOV 03 2003

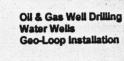
₩ NEW WELL W	ORKOVER	☐ DEEPEN	N PLUG BACK	☐ INJECTION	☐ SAME R	ESERVOI	R DIFFE	RENT R	ESERVOR	Dil Bo	Gals @outhery
OWNER					ADDRESS						
D.E. Exp	lorati	on, t	nc.		P.O.	Box	128	We1	1svi1	1e,	KS 66092
LEASE NAME					WELL NUMB						
Belton U	ni+				#R-1	5					
LOCATION OF WELL	SEC TWP	- RNG. OR B	BLOCK AND SURVEY		T #IV-1		LATITUDE			LONGITU	DE
15501 01	00451	- S	3/16Twp46N	J/Rae33W					NA		
COUNTY S/	2045'	PERMIT NUI	MBER (OGC-3 OR OGC-	30					1411		
Cass				5.7							
DATE SPUDDED			719	DATE COMPLETE	D PEADY TO	- 1	ELEVATION (DE	DKD DI	OP Gr)	EL EVATIO	ON OF CASING HD.
PRODUCE OR IN.					ED READY TO ELEVATION (DF, RKR, RT, OR Gr.			OR GI.)	FLANGE		
					-01		N Z	4			NA FEE
TOTAL DEPTH											
640'			IA								
PRODUCING OR INJECTION	ON INTERVAL(S	s) FOR THIS C	COMPLETION		TOP	OLS USED	(INTERVAL) TO BO Fresh	t.t.o	m	CABLE TOOLS USED (INTERVAL)	
Producing											
WAS THIS WELL DIRECTION OF ILLED?	ONALLY	WAS DIREC	TIONAL SURVEY MADE	?	WAS COPY (	OF DIRECT	ONAL SURVEY	FILED?		DATE FILE	ED
No											
TYPE OF ELECTRICAL OF										DATE FILE	ED
Gamma Ra	y/Neut	ron/C	CCL-Gamma	Ray/Cem	ent B	ond/	CCL				
				CASING	RECORD	S- 1					
CASING (REPORT ALL	STRINGS SE	T IN WELL	- CONDUCTOR, SUF	RFACE, INTERME	DIATE, PRO	DUCING,	ETC.)				
PURPOSE	SIZE HOLE	DRILLED	SIZE CASING SE	T WEIGHT	(LB. FT)	DEPT	H SET	SACK	S CEMEN	г	AMOUNT PULLED
						***************************************					
Surface	12 1	/4"	8 5/8"			2	0'	6 s	acks		
Produce.	6 1	/2"	4 1/2"			64	0'				
		-									
A DESCRIPTION OF THE PERSON NAMED IN COLUMN 2 AND THE PERSON NAMED	_	-		-	-			INIED E	FAARA	-	
	TUB	ING REC	ORD				L	INEK I	KECOKD		
SIZE	TUB DEPTH SET	PAC	CKER SET AT SIZE		TOP	Ti	воттом	INER	SACKS CEN	OR ASSESSMENT OF THE PARTY OF T	SCREEN
	DEPTH SET	PAC	CKER SET AT SIZE			FEET	воттом	FEET	SACKS CEN	OR ASSESSMENT OF THE PARTY OF T	
SIZE 4 1/2" IN.	DEPTH SET 640'	FEET PAC	NA FEET		NA	FEET	воттом NA	FEET	SACKS CEN	IENT	NA FEET
4 1/2" IN.	640' PERFO	FEET PAC	NA FEET RECORD	NA INCH	NA ACI	D, SHO	NA T, FRACTU	FEET	SACKS CEN	SQUEE	NA FEET ZE RECORD
	DEPTH SET 640'	FEET PAC	NA FEET	NA INCH	NA ACI	D, SHO	NA T, FRACTI	FEET	SACKS CEN	SQUEE	NA FEET
4 1/2" IN.	640 'PERFO	FEET PACE	NA FEET  RECORD  DEPTH INT	NA INCH	NA ACI	D, SHO	NA T, FRACTU ID KIND OF AL USED	FEET JRE, C	SACKS CEN	SQUEE	NA FEET ZE RECORD
4 1/2" IN.	640' PERFO SIZE AND 3-1/8	RATION I	NA FEET  RECORD  DEPTH INT	NA INCH	NA ACI	D, SHO	NA T, FRACTU ID KIND OF AL USED ac sar	JRE, C	SACKS CEN	SQUEE	NA FEET ZE RECORD
4 1/2" IN.	640' PERFO SIZE AND 3-1/8 Jets	RATION D TYPE  D D D D S HSC	NA FEET SIZE NA FEET PEPTH INT Si 526.0'- 554.0'-	NA INCH FERVAL -536.0' -564.0'	NA ACI AM 12/2 12/2	D, SHO	NA T, FRACTI ID KIND OF AL USED  ac sar	JRE, C	SACKS CEN	SQUEE	NA FEET ZE RECORD
4 1/2" IN.  NUMBER PER FEET	640' PERFO SIZE AND 3-1/8 Jets 3-1/8	RATION I D TYPE B Dens HSC B Dens	NA FEET  RECORD  DEPTH INT	NA INCH FERVAL -536.0' -564.0'	NA ACI AM 12/2 12/2	D, SHO	NA T, FRACTU ID KIND OF AL USED ac sar	JRE, C	SACKS CEN	SQUEE	NA FEET ZE RECORD
4 1/2" IN.	640' PERFO SIZE AND 3-1/8 Jets	RATION I D TYPE B Dens HSC B Dens	NA FEET SIZE NA FEET PEPTH INT Si 526.0'- 554.0'-	NA INCH FERVAL -536.0' -564.0' -594.0'	NA ACI AN 12/2 12/2 12/2	D, SHO	NA T, FRACTU ID KIND OF AL USED  ac sar	JRE, C	SACKS CEN	SQUEE	NA FEET ZE RECORD
4 1/2" IN.  NUMBER PER FEET  2 2	640' PERFO SIZE AND 3-1/8 Jets 3-1/8	RATION I	RECORD  DEPTH INT  \$i 526.0'- 554.0'- \$i 574.0'-	NA INCH	NA ACI AM 12/2 12/2 12/2	D, SHO	NA T, FRACTI ID KIND OF AL USED  AC SAT AC SAT AC SAT	FEET  JRE, C	NA NA EMENT	SQUEE DEPTH	NA FEET EZE RECORD INTERVAL
4 1/2" IN.  NUMBER PER FEET	640' PERFO SIZE AND 3-1/8 Jets 3-1/8	RATION I	RECORD  DEPTH INT  \$ i 526.0'-  \$ i 574.0'-  PRODUCING METHOD	NA INCH  FERVAL  -536.0' -564.0' -594.0'  INITIAL PR (INDICATE IF FLOW	NA ACI  AN  12/2 12/2 12/2 0DUCTIO	D, SHO	NA T, FRACTI ID KIND OF AL USED  AC SAT AC SAT AC SAT	FEET  JRE, C	NA NA EMENT	SQUEE DEPTH	NA FEET EZE RECORD INTERVAL
A 1/2" IN.  NUMBER PER FEET  A  DATE OF FIRST PRODUCT  10-19-01	SIZE AND  3-1/8 Jets 3-1/8 Jets	RATION I D TYPE B Dens HSC TION	RECORD  DEPTH INT  Si 526.0'-  554.0'-  Si 574.0'-  PRODUCING METHOD  1 1/2"	NA INCH  FERVAL  -536.0' -564.0' -594.0'  INITIAL PR (INDICATE IF FLOW Insert	NA ACI AN 12/2 12/2 12/2 0DUCTIO	D, SHO MOUNT AN MATERIA O fr O fr O fr	NA T, FRACTU ID KIND OF AL USED  AC SAT AC SAT	FEET  JRE, C	NA EMENT	SQUEE DEPTH	NA FEET EZE RECORD  INTERVAL  PUMP.)
A 1/2" IN.  NUMBER PER FEET  A  DATE OF FIRST PRODUC  10-19-01  DATE OF TEST HOU	DEPTH SET 640' PERFO SIZE AND 3-1/8 Jets 3-1/8 Jets TION OR INJECT	RATION I D TYPE B Dens HSC TION CHOKE SIZE	RECORD  DEPTH INT  Si 526.0'-  554.0'-  Si 574.0'-  PRODUCING METHOD  1 1/2"  OIL PRODUCE	NA INCH  FERVAL  -536.0' -564.0' -594.0'  INITIAL PR (INDICATE IF FLOW Insert D DURING	NA ACI AN  12/2 12/2 12/2 0DUCTIO	D, SHO MOUNT AN MATERIA O fr O fr O fr	NA T, FRACTU ID KIND OF AL USED  AC SAI AC SAI AC SAI	FEET  JRE, C	NA EMENT	SQUEE DEPTH TYPE OF	NA FEET EZE RECORD  INTERVAL  PUMP.)  OIL GRAVITY
A 1/2" IN.  NUMBER PER FEET  A  DATE OF FIRST PRODUCT  10-19-01  DATE OF TEST HOUN  NA	DEPTH SET 640' PERFO SIZE AND 3-1/8 Jets 3-1/8 Jets TION OR INJECT RS TESTED NA	FEET PACE FEET PACE PACE PACE PACE PACE PACE PACE PACE	RECORD  DEPTH INT  Si 526.0'-  554.0'-  Si 574.0'-  PRODUCING METHOD  1 1/2"  OIL PRODUCE TEST NI	NA INCH  FERVAL  -536.0' -564.0' -594.0'  INITIAL PR (INDICATE IF FLOW Insert D DURING A bbls.	NA ACI AM 12/2 12/2 12/2 0DUCTIC ING, GAS LIFT DUMD GAS PRODU	D, SHO MOUNT AN MATERIA O fr O fr O fr O fr	NA T, FRACTU ID KIND OF AL USED AC SAI AC SAI AC SAI AC SAI	JRE, C	NA EMENT	SQUEE DEPTH	NA FEET EZE RECORD  INTERVAL  PUMP.)  OIL GRAVITY  NA API (CORR.)
A 1/2" IN.  NUMBER PER FEET  A  DATE OF FIRST PRODUC  10-19-01  DATE OF TEST HOU	DEPTH SET 640' PERFO SIZE AND 3-1/8 Jets 3-1/8 Jets TION OR INJECT RS TESTED NA CASING PR	FEET PACE FEET PACE PACE PACE PACE PACE PACE PACE PACE	RECORD  DEPTH INT  Si 526.0'-  554.0'-  Si 574.0'-  PRODUCING METHOD  1 1/2"  OIL PRODUCE	NA INCH  FERVAL  -536.0' -564.0' -594.0'  INITIAL PR (INDICATE IF FLOW Insert D DURING A bbls.	NA ACI AN  12/2 12/2 12/2 0DUCTIO	D, SHO MOUNT AN MATERIA O fr O fr O fr	NA T, FRACTU ID KIND OF AL USED AC SAI AC SAI AC SAI AC SAI	JRE, C	NA EMENT	SQUEE DEPTH TYPE OF	NA FEET EZE RECORD  INTERVAL  PUMP.)  OIL GRAVITY
A 1/2" IN.  NUMBER PER FEET  A  DATE OF FIRST PRODUCT  10-19-01  DATE OF TEST HOUN  NA  TUBING PRESSURE	DEPTH SET 640' PERFO SIZE AND 3-1/8 Jets 3-1/8 Jets TION OR INJECT RS TESTED NA CASING PR	FEET PACE FEET P	PRODUCING METHOD  1 1/2"  PRODUCING METHOD  1 1/2"  CAL'TED RATE OF PROPER 24 HOURS	NA INCH  TERVAL  -536.0' -564.0' -594.0'  INITIAL PR (INDICATE IF FLOW INSERT D DURING A bbis.	NA ACI AM 12/2 12/2 12/2 0DUCTIC ING, GAS LIFT DUMD GAS PRODU	D, SHO  MOUNT AM MATERIA  O fr  O fr  O fr  O fr  C GA	NA T, FRACTU ID KIND OF AL USED AC SAI AC SAI AC SAI AC SAI AC SAI AC SAI	JRE, C	NA EMENT	SQUEE DEPTH TYPE OF DURING bbls.	NA FEET EZE RECORD  INTERVAL  PUMP.)  OIL GRAVITY  NA API (CORR.)
A 1/2" IN.  NUMBER PER FEET  A  DATE OF FIRST PRODUCT  10-19-01  DATE OF TEST HOUN  NA  TUBING PRESSURE  NA  DISPOSITION OF GAS (ST	DEPTH SET 640' PERFO SIZE AND 3-1/8 Jets 3-1/8 Jets TION OR INJECT RS TESTED NA CASING PR N TATE WHETHER	RATION IN TYPE  B Dens HSC Dens HSC TION CHOKE SIZE NA RESSURE IA	PRODUCING METHOD  1 1/2"  PRODUCING METHOD  1 1/2"  CAL'TED RATE OF PROPER 24 HOURS	NA INCH  TERVAL  -536.0' -564.0' -594.0'  INITIAL PR (INDICATE IF FLOW  INSERT D DURING A bbls. DDUCTION	NA ACI AM 12/2 12/2 12/2 0DUCTIC ING, GAS LIFT DUMD GAS PRODU	D, SHO  MOUNT AM MATERIA  O fr  O fr  O fr  O fr  C GA	NA T, FRACTU ID KIND OF AL USED AC SAI AC SAI AC SAI AC SAI AC SAI AC SAI	JRE, C	NA EMENT	SQUEE DEPTH TYPE OF DURING bbls.	NA FEET EZE RECORD  INTERVAL  PUMP.)  OIL GRAVITY  NA API (CORR.)
A 1/2" IN.  NUMBER PER FEET  A  DATE OF FIRST PRODUCT  10-19-01  DATE OF TEST HOUN  NA  TUBING PRESSURE  NA  DISPOSITION OF GAS (ST	DEPTH SET 640' PERFO SIZE AND 3-1/8 Jets 3-1/8 Jets TION OR INJECT RS TESTED NA CASING PR VA CASING PR With b	RATION IN TYPE  B Dens HSC Dens HSC TION CHOKE SIZE NA RESSURE IA	PRODUCING METHOD  1 1/2"  OIL PRODUCE TEST NA  CAL'TED RATE OF PROPER 24 HOURS	NA INCH  TERVAL  -536.0' -564.0' -594.0'  INITIAL PR (INDICATE IF FLOW  INSERT D DURING A bbls. DDUCTION	NA ACI AM 12/2 12/2 12/2 0DUCTIC ING, GAS LIFT DUMD GAS PRODU	D, SHO  MOUNT AM MATERIA  O fr  O fr  O fr  O fr  C GA	NA T, FRACTU ID KIND OF AL USED AC SAI AC SAI AC SAI AC SAI AC SAI AC SAI	JRE, C	NA EMENT	SQUEE DEPTH TYPE OF DURING bbls.	NA FEET EZE RECORD  INTERVAL  PUMP.)  OIL GRAVITY  NA API (CORR.)
A 1/2" IN.  NUMBER PER FEET  A  DATE OF FIRST PRODUC  10-19-01  DATE OF TEST NA  TUBING PRESSURE NA  DISPOSITION OF GAS (ST.) Held in	DEPTH SET 640' PERFO SIZE AND 3-1/8 Jets 3-1/8 Jets TION OR INJECT  RS TESTED NA CASING PR CASING PR With b	RATION I  TYPE  B Dens HSC  Dens HSC  TION  CHOKE SIZE NA  RESSURE JA  RESSURE JA  RESSURE JA  RESSURE	PRODUCING METHOD  1 1/2"  OIL PRODUCE TEST NA  CALITED RATE OF PROPER 24 HOURS  SED FOR FUEL OR SOLID  OT ESSURE	NA INCH  TERVAL  -536.0' -564.0' -594.0'  INITIAL PR (INDICATE IF FLOW  INSERT D DURING A bbls. DDUCTION	NA ACI AM 12/2 12/2 12/2 0DUCTIC ING, GAS LIFT DUMD GAS PRODU	D, SHO  MOUNT AM MATERIA  O fr  O fr  O fr  O fr  C GA	NA T, FRACTU ID KIND OF AL USED AC SAI AC SAI AC SAI AC SAI AC SAI AC SAI	JRE, C	NA EMENT	SQUEE DEPTH TYPE OF DURING bbls.	NA FEET EZE RECORD  INTERVAL  PUMP.)  OIL GRAVITY  NA API (CORR.)
A 1/2" IN.  NUMBER PER FEET  A  DATE OF FIRST PRODUCT  10-19-01  DATE OF TEST HOUNA  TUBING PRESSURE  NA  DISPOSITION OF GAS (ST  Held in  METHOD OF DISPOSAL OF Air drie	DEPTH SET 640' PERFO SIZE AND 3-1/8 Jets 3-1/8 Jets TION OR INJECT RS TESTED NA CASING PR WITH DEPTH SET WITH DEPTH SET WITH DEPTH SET WITH DEPTH SET MA DEFMUD PIT COI DEPTH SET A SIZE AND SIZ	RATION I  TYPE  Dens HSC  Dens HSC  TION  CHOKE SIZE NA  RESSURE IA  RESURE I	PRODUCING METHOD  1 1/2"  FINAL PRODUCE  TEST NA  CALTED RATE OF PROPER 24 HOURS  SED FOR FUEL OR SOLIC  CITES SUITE  1 1/2"	NA INCH  TERVAL  -536.0' -564.0' -594.0'  INITIAL PR (INDICATE IF FLOW Insert D DURING A bbis. DDUCTION D) Valve	NA ACII AM 12/2 12/2 12/2 ODUCTIO ING, GAS LIFT DUMD GAS PRODU N OIL	D, SHO  MOUNT AM MATERIA  O fr  O fr  O fr  O fr  C GA	NA T, FRACTU ID KIND OF AL USED AC SAI AC SAI AC SAI AC SAI AC SAI AC SAI	JRE, C	NA EMENT	SQUEE DEPTH TYPE OF DURING bbls.	NA FEET EZE RECORD  INTERVAL  PUMP.)  OIL GRAVITY  NA API (CORR.)  GAS OIL RATIO
A 1/2" IN.  NUMBER PER FEET  A  DATE OF FIRST PRODUCT  10-19-01  DATE OF TEST HOUNA  TUBING PRESSURE  NA  DISPOSITION OF GAS (ST  Held in  METHOD OF DISPOSAL OF Air drie  CERTIFICATE: I, THE LE  CERTIFICATE: I, THE LE	DEPTH SET 640' PERFO SIZE AND 3-1/8 Jets 3-1/8 TION OR INJECT RS TESTED NA CASING PR WITH DEPTH SET WITH SET WI	RATION I  TYPE  Dens HSC  TION  CHOKE SIZE NA  RESSURE IA  REVENTED, US DACK PRINTER  RECK FI  ED, STATE T	RECORD  DEPTH INT  Si 526.0'-  554.0'-  Si 574.0'-  PRODUCING METHOD  1 1/2"  OIL PRODUCE TEST NA  CALTED RATE OF PROPER 24 HOURS  SED FOR FUEL OR SOLI  OTESSURE  11ed  HAT I AM THE P	NA INCH  TERVAL  -536.0' -564.0' -594.0'  INITIAL PR (INDICATE IF FLOW  Insert D DURING A bbis. DDUCTION  P)  Valve  resident	NA ACII AM 12/2 12/2 12/2 12/2 ODUCTIC ING, GAS LIFT DUMD GAS PRODU N	D, SHO MOUNT AN MATERIA O fr	NA T, FRACTU ID KIND OF AL USED  AC SAI AC S	JRE, C	W SIZE AND	SQUEE DEPTH TYPE OF DURING bbls.	NA FEET EZE RECORD  INTERVAL  PUMP.)  OIL GRAVITY  NA API (CORR.)  GAS OIL RATIO  OF THE
NUMBER PER FEET  A  DATE OF FIRST PRODUCT  10-19-01  DATE OF TEST  NA  TUBING PRESSURE  NA  DISPOSITION OF GAS (ST  Held in  METHOD OF DISPOSAL OF  Air drie  CERTIFICATE: I, THE U  D. F. Expl	DEPTH SET 640' PERFO SIZE AND 3-1/8 Jets 3-1/8 Jets TION OR INJECT RS TESTED NA CASING PR With bord with b	RATION I  TYPE  B Dens HSC  TION  CHOKE SIZE NA  ESSURE IA  R VENTED, US DACK E  NA  R VENTED, US DACK E  TON, STATE TON, I'm	PRODUCING METHOD  1 1/2"  PRODUCING METHOD  1 1/2"  OIL PRODUCE TEST NA  CALTED RATE OF PROPER 24 HOURS  SED FOR FUEL OR SOLID  OT ESSURE  HAT I AM THE PARAMETER AND THE	NA INCH  TERVAL  -536.0' -564.0' -594.0'  INITIAL PR (INDICATE IF FLOW INSERT D DURING A bbis. DDUCTION  D) Valve  resident HATIAM AUTHOR	NA ACII AM 12/2 12/2 12/2 12/2 ODUCTIO ING, GAS LIFT DUMD GAS PRODU N OIL	D, SHO  OUNT AN MATERIA  O fr O f	NA T, FRACTU ID KIND OF AL USED AC SAI AC SA	JRE, C	W SIZE AND PRODUCED NA	SQUEE DEPTH TYPE OF DURING bbls.  AND THA	NA FEET EZE RECORD  INTERVAL  PUMP.)  OIL GRAVITY  NA API (CORR.)  GAS OIL RATIO  OF THE
NUMBER PER FEET  A  DATE OF FIRST PRODUCT  10-19-01  DATE OF TEST HOUNA  TUBING PRESSURE  NA  DISPOSITION OF GAS (ST  Held in  METHOD OF DISPOSAL OF Air drie  CERTIFICATE: I, THE LE  CERTIFICATE: I, THE LE	DEPTH SET 640' PERFO SIZE AND 3-1/8 Jets 3-1/8 Jets TION OR INJECT RS TESTED NA CASING PR With bord with b	RATION I  TYPE  B Dens HSC  TION  CHOKE SIZE NA  ESSURE IA  R VENTED, US DACK E  NA  R VENTED, US DACK E  TON, STATE TON, I'm	PRODUCING METHOD  1 1/2"  PRODUCING METHOD  1 1/2"  OIL PRODUCE TEST NA  CALTED RATE OF PROPER 24 HOURS  SED FOR FUEL OR SOLID  OT ESSURE  HAT I AM THE PARAMETER AND THE	NA INCH  TERVAL  -536.0' -564.0' -594.0'  INITIAL PR (INDICATE IF FLOW INSERT D DURING A bbis. DDUCTION  D) Valve  resident HATIAM AUTHOR	NA ACII AM 12/2 12/2 12/2 12/2 ODUCTIO ING, GAS LIFT DUMD GAS PRODU N OIL	D, SHO  OUNT AN MATERIA  O fr O f	NA T, FRACTU ID KIND OF AL USED AC SAI AC SA	JRE, C	W SIZE AND PRODUCED NA	SQUEE DEPTH TYPE OF DURING bbls.  AND THA	NA FEET EZE RECORD  INTERVAL  PUMP.)  OIL GRAVITY  NA API (CORR.)  GAS OIL RATIO  OF THE
A 1/2" IN.  NUMBER PER FEET  A  DATE OF FIRST PRODUCT  10-19-01  DATE OF TEST  NA  TUBING PRESSURE  NA  DISPOSITION OF GAS (ST  Held in  METHOD OF DISPOSAL OF  Air drie  CERTIFICATE: I, THE U  D. E. Expl  PREPARED UNDER MY	DEPTH SET 640' PERFO SIZE AND 3-1/8 Jets 3-1/8 Jets TION OR INJECT RS TESTED NA CASING PR With bord with b	RATION I  TYPE  B Dens HSC  TION  CHOKE SIZE NA  ESSURE IA  R VENTED, US DACK E  NA  R VENTED, US DACK E  TON, STATE TON, I'm	DEPTH INT  Si 526.0'- 554.0'- Si 574.0'- Si 574.0'- Si 574.0'- CALTED RATE OF PROPER 24 HOURS  SED FOR FUEL OR SOLIDO PROS SUTE  L11ed  CHATIAM THE	NA INCH  TERVAL  -536.0' -564.0' -594.0'  INITIAL PR (INDICATE IF FLOW INSERT D DURING A bbis. DDUCTION  D) Valve  resident HATIAM AUTHOR	NA ACII AM 12/2 12/2 12/2 12/2 ODUCTIO ING, GAS LIFT DUMD GAS PRODU N OIL	D, SHO  OUNT AN MATERIA  O fr O f	NA T, FRACTU ID KIND OF AL USED AC SAI AC SA	JRE, C	W SIZE AND PRODUCED NA	SQUEE DEPTH TYPE OF DURING bbls.  AND THA	NA FEET EZE RECORD  INTERVAL  PUMP.)  OIL GRAVITY  NA API (CORR.)  GAS OIL RATIO  OF THE
A 1/2" IN.  NUMBER PER FEET  A  DATE OF FIRST PRODUC  10-19-01  DATE OF TEST  NA  TUBING PRESSURE  NA  DISPOSITION OF GAS (ST)  Held in  METHOD OF DISPOSAL CO  Air drie  CERTIFICATE: I, THE U  D. E. Expl  PREPARED UNDER MY  DATE	DEPTH SET 640' PERFO SIZE AND 3-1/8 Jets 3-1/8 Jets 3-1/8 Lets TION OR INJECT RS TESTED NA CASING PR VIATE WHETHER WITH BOTH MUD PIT COID d & Ba UNDERSIGNE OF a tion Y SUPERVISIO	RATION I  TYPE  B Dens HSC  TION  CHOKE SIZE NA  ESSURE IA  R VENTED, US DACK E  NA  R VENTED, US DACK E  TON, STATE TON, I'm	PRODUCING METHOD  1 1/2"  PRODUCING METHOD  1 1/2"  OIL PRODUCE TEST NA  CALTED RATE OF PROPER 24 HOURS  SED FOR FUEL OR SOLID  OT ESSURE  HAT I AM THE PARAMETER AND THE	NA INCH  TERVAL  -536.0' -564.0' -594.0'  INITIAL PR (INDICATE IF FLOW INSERT D DURING A bbis. DDUCTION  D) Valve  resident HATIAM AUTHOR	NA ACII AM 12/2 12/2 12/2 12/2 ODUCTIO ING, GAS LIFT DUMD GAS PRODU N OIL	D, SHO  OUNT AN MATERIA  O fr O f	NA T, FRACTU ID KIND OF AL USED AC SAI AC SA	JRE, C	W SIZE AND PRODUCED NA	SQUEE DEPTH TYPE OF DURING bbls.  AND THA	NA FEET EZE RECORD  INTERVAL  PUMP.)  OIL GRAVITY  NA API (CORR.)  GAS OIL RATIO  OF THE
A 1/2" IN.  NUMBER PER FEET  A  DATE OF FIRST PRODUC  10-19-01  DATE OF TEST  NA  TUBING PRESSURE  NA  DISPOSITION OF GAS (ST)  Held in  METHOD OF DISPOSAL CO  Air drie  CERTIFICATE: I, THE U  D. E. Expl  PREPARED UNDER MY  DATE	DEPTH SET 640' PERFO SIZE AND 3-1/8 Jets 3-1/8 Jets 3-1/8 Lets TION OR INJECT RS TESTED NA CASING PR VIATE WHETHER WITH BOTH MUD PIT COID d & Ba UNDERSIGNE OF a tion Y SUPERVISIO	RATION I  TYPE  B Dens HSC  TION  CHOKE SIZE NA  ESSURE IA  R VENTED, US DACK E  NA  R VENTED, US DACK E  TON, STATE TON, I'm	DEPTH INT  Si 526.0'- 554.0'- Si 574.0'- Si 574.0'- Si 574.0'- CALTED RATE OF PROPER 24 HOURS  SED FOR FUEL OR SOLIDO PROS SUTE  L11ed  CHATIAM THE	NA INCH  TERVAL  -536.0' -564.0' -594.0'  INITIAL PR (INDICATE IF FLOW INSERT D DURING A bbis. DDUCTION  D) Valve  resident HATIAM AUTHOR	NA ACII AM 12/2 12/2 12/2 12/2 ODUCTIO ING, GAS LIFT DUMD GAS PRODU N OIL	D, SHO  OUNT AN MATERIA  O fr O f	NA T, FRACTU ID KIND OF AL USED AC SAI AC SA	JRE, C	W SIZE AND PRODUCED NA	SQUEE DEPTH TYPE OF DURING bbls.  AND THA	NA FEET EZE RECORD  INTERVAL  PUMP.)  OIL GRAVITY  NA API (CORR.)  GAS OIL RATIO  OF THE
NUMBER PER FEET  A  DATE OF FIRST PRODUCT  10-19-01  DATE OF TEST  NA  DISPOSITION OF GAS (ST  Held in  METHOD OF DISPOSAL OF  Air drie  CERTIFICATE: I, THE U  D. E. Expl  PREPARED UNDER MY	DEPTH SET 640' PERFO SIZE AND 3-1/8 Jets 3-1/8 Jets 3-1/8 Lets TION OR INJECT RS TESTED NA CASING PR VIATE WHETHER WITH BOTH MUD PIT COID d & Ba UNDERSIGNE OF a tion Y SUPERVISIO	RATION I  TYPE  B Dens HSC  TION  CHOKE SIZE NA  ESSURE IA  R VENTED, US DACK E  NA  R VENTED, US DACK E  TON, STATE TON, I'm	DEPTH INT  Si 526.0'- 554.0'- Si 574.0'- Si 574.0'- Si 574.0'- CALTED RATE OF PROPER 24 HOURS  SED FOR FUEL OR SOLIDO PROS SUTE  L11ed  CHATIAM THE	NA INCH  TERVAL  -536.0' -564.0' -594.0'  INITIAL PR (INDICATE IF FLOW INSERT D DURING A bbis. DDUCTION  D) Valve  resident HATIAM AUTHOR	NA ACII AM 12/2 12/2 12/2 12/2 ODUCTIO ING, GAS LIFT DUMD GAS PRODU N OIL	D, SHO  MOUNT AN MATERIA  O fr  O fr  O fr  O fr  O fr  A  A  B  B  B  B  B  B  B  B  B  B  B	NA T, FRACTU ID KIND OF AL USED AC SAI AC SA	JRE, C	W SIZE AND PRODUCED NA	SQUEE DEPTH TYPE OF DURING bbls.  AND THA	NA FEET EZE RECORD  INTERVAL  PUMP.)  OIL GRAVITY  NA API (CORR.)  GAS OIL RATIO  OF THE

INSTRUCTIONS: ATTACH DRILLERS LOG OR OTHER ACCEPTABLE LOG OF WELL.

\* SHOW ALL IMPORTANT ZONES OF POROSITY, DETAIL OF ALL CORES, AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES.

### **DETAIL OF FORMATIONS PENETRATED**

FORMATION	TOP	воттом	DESCRIPTION (SEE * ABOVE)			
			See Attached	NOV 03 2003 MO Oil & Gas Council		





Paola, Kansas 66071

(913)557-9083 FX (913)557-9084

WELL LOG
Belton Oil
Belton Unit R-15
September 20 - September 21, 2001

RECEIVED
NOV 03 2003

	September 20 - September 21, 20	1100 03 2003		
	Coptombol 20 Coptombol 21, 20		MO Oil & Gas Council	
Thickness of Strata	<u>Formation</u>	Total		
13	soil & clay	13		
27	limestone	40		
29	shale	69		
9	limestone	78		
19.	shale	97		
2	limestone	99		
29	shale	128	A STATE OF THE STA	
2	limestone	130		
. 6	shale	136		
2 .	limestone	138		
26	shale Asia	164		
5	limestone	169	A contract of the contract of	
2	shale	171	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
21	limestone	192		
8	shale	200		
26	limestone	226		
3	shale	229		
6	limestone		ase of Kansas City	
175	shale	410		
15	brown sand	425		
5	shale shale	430		
8	limestone	438		
16	shale	454		
5	limestone	459		
23	shale shale	482		
. 5	limestone	487		
41	shale	528		
7.5	sand		ood sandstone,	
			ood bleeding	
21.5	shale	557	A STATES	
6	sand		ood oil bleeding	
2	limestone	565 ha		
8	sand & shale		0% good bleeding	
	Service of the contract of the		and, 60% silty shale	
3.5	limestone	576.5	~~ L1 - I	
2.5	broken sand	7(	0% bleeding sand, 0% swirl shale	
5	sand	584 sc	blid	

Belton Unit #R-15				Page 2	NOV 03 2003
	8.3		broken sand	592.3	MO Oil & Gas Council 70% swirl shale
	1.7		shale	594	보다는 그 사이 그 마음 아마지지나 그가 되는데 얼마나 아마는 아마를 본 점점수 없을 방법하다.
	1		sand	595	good bleeding
	1.5	3 3 - 5	limestone		hard
	1		limey the state of	597.5	fair bleeding, few pebbles
	10	torical	shale	607.5	
	0.5	Fig. Co. Land.	sand	608	
	5		shale	613	
	1		lime, shale, sand	614	pebbles
	26		shale	640	TD

Drilled a 12 1/4" hole to 20'. Drilled a 6 1/2" hole to 640'.

Set 20' of used 8 5/8" threaded and coupled surface casing, cemented with 6 sacks Portland cement.

Set 640' of used 4 1/2" casintg including 3 centralizers, 1 float shoe, 1 clamp.

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# Belton Unit R-15

## Page 3

	The Agent Agent and the				
535	33	571	21	607	30
536	32	572	1.01	608	25
537	23	573	1.26	609	28
538	24	574	1.05	610	30
539	22	575	38	611	30
540	24	576	50	612	25
541	22	577	47	613	25
542	25	578	36	614	26
543	24	579	21	615	36
544	20	580	18	616	33
545	25	581	17	617	31
546	33	582	20	618	38
547	42	583	22	619	32
548	30	584 `	28	620	24
549	29	585	28	621	27
550	25	586	25	622	26
551	25	587	42	623	33
552	28	588	1.08	624	19
553	25	589	25	625	26
554	26	590	25	626	27
555	42	591	22	627	26
556	64	592	26	628	26
557	36	593	30	629	26
558	27	594	29	630	26
559	17	. 595	32	631	22
560	19	596	1.02	632	21
561	. 19	597	35	633	25
562	33	598	32	634	28
563	1.31	599	28	635	30
564	1.04	600	24	636	26
565	21	601	24	637	25
566	31	602	26	638	22
567	18	603	29	639	27
568	24	604	31	640	25
569	28	605	30		
570	22	606	25		